

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

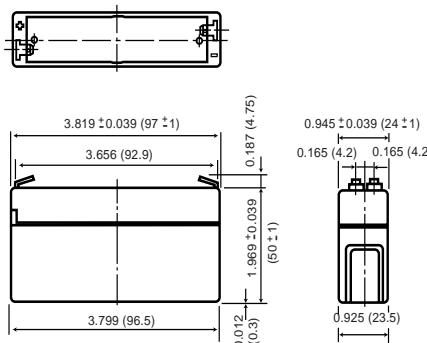
LC-R061R3P



For main and standby power supplies.
Expected trickle life: 3-5 years at 25°C, Approx. 5 years at 20°C.

Dimensions (mm)

Terminal type: Faston 187



Battery case resin: Standard (UL94HB) Color is black.

Specifications

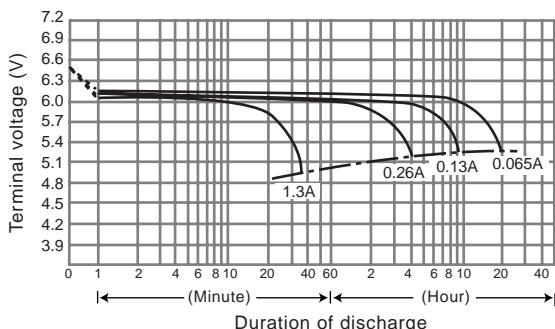
Nominal Voltage	6V	
Rated Capacity (20 hour rate)	1.3Ah	
Dimensions	Length	3.819 inches (97.0 mm)
	Width	0.945 inches (24.0 mm)
	Height	1.969 inches (50.0 mm)
	Total Height	2.165 inches (55.0 mm)
Approx. mass	.661 lbs. (0.30 kg)	
Standard Terminals and Resin	UL94HB Faston 187	LC-R061R3P

Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (65mA)	1.3Ah
	10 hour rate (120mA)	1.2Ah
5 hour rate (210mA)		1.05Ah
1 hour rate (850mA)		0.85Ah
1.5 hour rate discharge Cut-off voltage 5.25 V		0.6A
Internal Resistance	Fully charged battery 77°F (25°C)	Approx. 50mΩ
Temperature dependency of capacity (20 hour rate)	104°F (40°C) 77°F (25°C) 32°F (0°C) 5°F (-15°C)	102% 100% 85% 65%
Self discharge 77°F (25°C)	Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 64%
Charge Method (Constant Voltage)	initial current	0.52 A or smaller
	Control voltage	7.25V to 7.45V (per 6V cell 25°C)
	initial current	0.195 A or smaller
	Control voltage	6.8V to 6.9V (per 6V cell 25°C)

(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

Discharge characteristics 77°F (25°C) (Note)



Duration of discharge vs. Discharge current (Note)

